

Appl. No. 10/708,152
Amdt. dated July 25, 2005
Reply to Office action of July 05, 2005

REMARKS/ARGUMENTS

1. Rejection of claims 1-6, 8, and 14 under 35 U.S.C. 102(b):

Claims 1-6, 8, and 14 are rejected under 35 U.S.C. 102(b) as being anticipated by Cornell et al (US 5,774,148) for reasons of record.

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Response:

Claim 1 has been amended to overcome this rejection. Claim 1 now contains the limitation "forming a first conductive trace, the first conductive trace formed of poly-silicon". This amendment is fully supported in the specification, and no new matter has been added. This amendment to claim 1 has been made to specify that the first conductive trace is formed out of poly-silicon, and does not contain a separate poly-silicon layer. In addition, claims 14 and 15 have been amended to agree with the changes made to claim 1.

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On the other hand, Cornell does not teach that the first conductive trace is formed of poly-silicon. Instead, Cornell teaches in col.5, line 14 that the first conductive trace 46 is an aluminum-copper alloy. As shown in Cornell's Fig.5, the conductive layer 46 and the poly-silicon 38 are two separate layers. Therefore, it cannot be said that the conductive layer 46 is formed of poly-silicon, as is recited in the currently amended claim 1. For these reasons, the applicant submits that Cornell does not anticipate all of the limitations of claim 1, and reconsideration of claim 1 is respectfully requested. Claims 1-6, 8, and 14 are dependent on claim 1, and should be allowed if claim 1 is allowed. Reconsideration of claims 1-6, 8, and 14 is respectfully requested.

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2. Rejection of claim 7 under 35 U.S.C. 103(a):

Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Cornell et al in view of Shirai (US 5,422,505) for reasons of record.

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Response:

Claim 7 is dependent on claim 1, and should be allowed if claim 1 is allowed.
Reconsideration of claim 7 is requested.

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3. Rejection of claims 9-11 under 35 U.S.C. 103(a):

Claims 9-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over
Cornell et al in view of Kim et al (US 6,102,530) for reasons of record.

10 **Response:**

Claims 9-11 are dependent on claim 1, and should be allowed if claim 1 is
allowed. Reconsideration of claims 9-11 is requested.

4. Rejection of claim 13 under 35 U.S.C. 103(a):

15 Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Cornell
et al in view of Hess et al (US 5,122,812) for reasons of record.

Response:

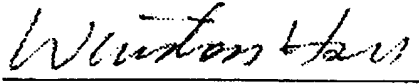
20 Claim 13 is dependent on claim 1, and should be allowed if claim 1 is allowed.
Reconsideration of claim 13 is requested.

In view of the above arguments in favor of patentability, the applicant respectfully
requests that a timely Notice of Allowance be issued in this case.

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Respectfully submitted,



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- 10 Note: Please leave a message in my voice mail if you need to talk to me. The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.